

Lane Timber—

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of using peeling from logs and gluing them together as in the plywood process, straight lumber is used. Small pieces of lumber are shaped and glued together. The strength of the lumber is increased by 150 per cent by this process. The result is the equivalent of steel per pound weight and is a much lighter material.

This glued lumber is treated with chemicals at tremendous pressure to preserve it and make it fire repellent. Engineers point out that while certain metals will often sag and collapse at sudden and high temperatures these timber structures will not collapse until they are deeply charred and fall from stress and strain. This intense charring process they state, is a long process.

For those who consider wood not too lasting, wood engineers tell the story of the timbers which were cut during the civil war and which were recently dredged up at the Brooklyn navy yard and found in perfect condition. They are now being used in the shipbuilding process as keel wedges and in wood auxiliary craft.

The second modern development putting Lane county's wood into the race with steel, are devices used in timber joints as fasteners. They are usually metal rings which fit into pre-cut grooves in the timber joints or are embedded into the timber faces by means of pressure.

These rings or connectors spread the load on the point of contact over practically the entire cross section of the wood and bring the complete structural strength of the lumber into play. It is as if the joints had grown together on a tree and were one solid piece.

Other advantages of wood over steel as given by engineers are flexibility in remodeling, greater re-use value, economy of construction (In Pittsburgh, a bridge of glued laminated construction was built, costing 40 per cent less than steel and that right on steel's homefront), speed of construction.

More than 90 per cent of Lane county's timber is now going into war industry which to a great extent is replacing steel construction.

What of the future? Already Lane's aggressive merchandising has obtained regular lumber customers in every state of the union as well as abroad. Will the present competition with steel

keep up in the post-war world? H. J. Cox, manager of the Willamette Valley Lumbermen's association, quotes J. Philip Boyd, director of the war production board's lumber and lumber products division, as saying that the pent-up demand in our own country and demands of foreign trade will increase the demands upon the lumber industry, and this will mean continued use of wood for steel.

A. R. Hawley, manager of the Eugene office of Timber Structures, Inc., also predicts that the development now taking place in wood engineering will continue and that prefabricated building will be the construction material of the future.

And another added point stressed by both men: the wood supply in Lane county and the state is inexhaustible. Timber is a crop and can be resown and harvested. Minerals once mined out can never be replaced. Lane county may have an edge on the Pennsylvania mines. As "strong as steel" may be as outmoded as the "cat's whiskers" in the world to be.

Portugal Chief—

(CONTINUED FROM PAGE 1)

Italy and Scandinavia: "Quite aside from ideologies and in an historic manner, as Germany is weakened and becomes prostrate, the continent which previously feared her will fear Russia no less."

Viewing the whole aspect, he sees Asiatic influence pressing westward from the far interior of Europe and revolving in a circle there to the long-time embroilment of the two great land powers, Russia and Germany, far beyond the occurrence of peace after this war.

Atlantic System
"Accordingly," he continued, "I see the outlines of an Atlantic system emerging in another circle from this war which would readjust all previous geopolitical concepts and make the Atlantic area of the future the equivalent of the Mediterranean of the past."

Looking through his high windows at the stars of a lovely night, and gesturing in a quiet way, he went on:

"The age-long history of this continent is the story of the tensions between land-locked and sea-faring peoples."

Drawing a large circle, he indicated the new center of gravity of the European world as being pushed westward into a seaboard perimeter. This shoreline, Europe, Africa, South America and North America, with England and the

United States requires a revived France and a healthy Iberian peninsula, plus relatively unpopulated Africa and Brazil in its geopolitical gravitation, he said.

"As throughout all time," the scholar explained, "Europeans are in the larger sense fighting a rear-guard action against the expanding Asiatic and Teutonic forces at their backs."

"In the path of this pressure the United States now enters the whirlpool orbit directly and irrevocably, and becomes to this hemisphere as a whole what England used to be to the limited continent of Europe—the detached but everlastingly involved sentinel in which will rest the balance of power."

Balance of Power
"Even with all of Russia's vastness and demonstrated potentialities, the balance of power cannot center in that land-locked nation any more than the balance of power previously rested in powerful Germany—which it never did. At the same time, it is equally evident the balance of power permanently has passed beyond the British Isles. The balance of power for this century will be in the United States."

Turning to immediate prospects, the prime minister explained why he would not leave Europe at least.

"The Germans see no alternative but to continue. There are elements within Germany which are deeply eager for peace, but they are weak and unorganized. And the people as a whole lack confidence in their physical safety if they surrender."

He said he saw the gravest difficulties between Japan and Europe. Timor in the South Pacific is settled. He is also worried about the deadly effect of this situation on residents of the other Portuguese Pacific colony of Macao. But it is highly significant that Salazar views this Pacific crisis as something not involving the Germans.

Hope of World
The prime minister closed the interview on the note that the United States is the hope of the world.

"When I survey the international panorama, the ruin and impoverishment of great nations, the immortality of important governments, the opportunity; when I see the crisis of life, the crisis of all domestic economies and the ever weakening resistance to pressure groups everywhere, it seems to me almost impossible to overcome the difficulties which beset the people of Europe unless Europe can see a new guiding light, blazing with national integrity and consistently dedicated to international morality. From the European point of view, remembering that all European nations are so badly involved in the dilemmas of the past which led up to this war, such a beacon in foreign policy can come only from the United States."

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Sprague Urges Old-Time Schooling

Former Governor Charles A. Sprague, editor of the Oregon Statesman, Salem, addressing the fall meeting of the Oregon chapter of the American Association of University Professors at the faculty club on the campus, Monday night, argued for a return to older educational fundamentals.

Editor Sprague, himself a former educator, noting that today is the hey day of the physical scientist, lamented that the blessings bestowed by science have been diverted by mankind to the processes of destruction and emphasized that tomorrow it would be the job of the social scientists—the educators, the publicists, the journalists, the politicians—to correct these conditions—to unseat from the saddle the hates, the prejudices, the "klixism" that keeps world peace in constant peril.

The former governor deplored what he called compartmental education as dangerous below the graduate stage, and appealed for education in assent as well as in dissent. Freedom of expression, he feared, too often had meant merely freedom in negative criticism.

Sprague warned that progress along these lines would be difficult with a noticeable Balkanization of the American public in progress—a situation wherein pressure groups, not always uneducated, placed their own special interests before those of the nation as a whole. More unified, disciplined thinking he regarded as necessary to the solution of postwar problems.

The governor was introduced by Dr. Robert D. Horn, president of the university's chapter of the association. Sixty-five members attended the dinner meeting.

Kimmel-Short Case Extension Voted

WASHINGTON, Dec. 7.—(U.P.)—The senate today passed by voice vote and returned to the house a resolution extending for six months the time period in which Maj.-Gen. Walter C. Short and Rear-Admiral Husband E. Kimmel may be formally accused of dereliction of duty at Pearl Harbor.

The time limit for bringing the two Pearl Harbor commanders to trial would have expired today. Sen. Bennett C. Clark, (D., Mo.) opposed further delay, asserting that the trial was being put off as an administration face-saving measure.

The resolution now returns to the house of representatives, which late yesterday approved the extension to one year after the end of the war with Japan.

Session Based—

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power parley in Iran, although it was revealed that Churchill had attended combined British-American military parleys in Cairo subsequent to the Tehran meeting.

Reports reaching Budapest from Sofia, however, indicated that the nazis, preparing to meet any change in Turkey's status, were moving troops through Bulgaria in the direction of the Turkish border. Three motorized German divisions were said to have passed through the Bulgarian capital in recent days.

Turkey Could Help
If Turkey should cast her lot with the allies, she could play an important role in the offensive which Stalin, Roosevelt and Churchill plotted at Tehran to crush Germany from the east, west and south. Allied armies in Italy already are moving toward Germany from the south, but Turkish participation would open the way for a full-scale assault on the Balkans, also from the south.

Turkey's entry would provide the allies with a shorter water transportation route to Russia and would also give Britain and the United States an opportunity of joining the red army on a common front in Bulgaria or Rumania.

Granting of Turkish air bases to the allies would pave the way for recapture of the Dodecanese islands and would furnish air cover for any invasion of the Balkans.

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War In Brief

By UNITED PRESS
Italy—Americans capture key mountain positions overlooking Liri river valley and invasion road to Rome; 8th army tanks cross Moro river, attack makeshift nazi line 10 miles south of Pescara river.

Russia—Red armies converge on Khilovka and Znamenska railway junctions in new threat to escape route of Germans in the Ukraine; tighten siege lines around Zhitobin in white Russia; German counterattacks repulsed west of Kiev.

Pacific—U. S. carrier force blasts Marshall islands; allied forces continue "pre-invasion" bombing of New Britain; defeat of Japanese on Bougainville called certain.

Air War—Mediterranean-based Fortresses and Liberators bomb German airfields near Athens.

TURKEY SHAKEN AGAIN
By United Press
A Swiss dispatch from Ankara said today that another earthquake in Turkey had killed at least 850 persons and razed 12 villages, according to the British radio.

Lane county's 1944 war chest aids 37 separate philanthropic agencies.

Nazis Use Prisoners To Test Poison Gas

LONDON, Dec. 7.—(U.P.)—Reporting that the Germans were using concentration camp prisoners for guinea pigs in testing poison gases, The Daily Mirror said today that the only known survivor of the tests was under treatment in a neutral country.

The survivor was dragged from a testing chamber with blood flowing from his ears and was rescued by patriots who nursed him until he was smuggled from the country, the newspaper said.

The story added that the survivor was expected to be a major witness in one of the war criminal trials, since the names of the scientists and other nazis involved were known to the allies.

Law on Community Property Upheld

PORTLAND, Dec. 7.—(U.P.)—The legality of Oregon's community property law enacted at the last legislature was confirmed indirectly yesterday when the U. S. circuit court of appeals at Denver upheld the almost identical Oklahoma law.

So said Sen. Lew Wallace, Portland democrat, who sponsored the Oregon measure. He estimated some 50,000 federal taxpayers in this state now will find it advantageous to place the property of husband and wife in the community status.

Only 202 community property applications have been filed with the secretary of state pending the court test of the Oklahoma statute, said F. H. Young, manager of Oregon Business and Tax Research Inc.

The appeal court affirmed by a 2-1 decision an earlier ruling of the U. S. tax court in the Oklahoma case, sustaining the taxpayer's right to split the community income and deductions with his wife for federal income tax purposes.

The commissioner of internal revenue may appeal to the U. S. supreme court, the appeal court pointed out.

McNary—

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be up for re-election.

Other possible candidates would include former Gov. Charles A. Sprague of Salem, Merle Chessman, Astoria newspaper publisher; State Treasurer Leslie M. Scott and Marshal Carnett of Klamath Falls.

There exists the constitutional device whereby Gov. Snell could make a compact concerning the possible appointment with acting Governor W. H. Steiwer of Fossil. Nobody has hinted the governor would be interested in such machinations, but he could resign his post as governor and then accept the appointment from Steiwer.

Such a maneuver is discussed generally as political fantasy, for its reaction upon the Oregon electorate might be disastrous.

SLAYER OF GIRL SCUGHT

ENGLEWOOD, Colo., Dec. 7.—(U.P.)—Arapahoe county authorities, headed by District Attorney Richard E. Simon, were pressing a search today for the slayer of a 4-year-old girl, whose name the authorities refused to reveal.

L. A. HAS TREMOR

LOS ANGELES, Dec. 7.—(U.P.)—A slight earthquake was felt along the Inglewood fault at 7:45 a. m. today which rattled dishes and stopped clocks in southwestern Los Angeles.

War Dads Second Meeting Arranged

Second public meeting of the Eugene chapter, American War Dads, will be held at 7:30 Tuesday evening in the circuit courtroom at the courthouse.

Warren Smith, program chairman, issued a call for all members to attend, and to bring with them other fathers of service sons and daughters. The chapter is anxious to recruit as many members as possible, as numerical strength is one of the early objectives of the national organization, in its program of preparing beneficial conditions for returning service men and women.

War Chest—

(CONTINUED FROM PAGE 1)

war chest aims are based upon the holy principle that all parts of the working body—soldiers, war-stricken children and other civilians—must be "healthy if the organism as a whole is to be healthy."

"We must take something American to all of them," Rev. Bartlam declared. "And we cannot draw the line between the home front and the war front when giving to the future that will benefit us all. . . . We must forward God's plan to give peace to all men of good will."

Mrs. W. S. Love, women's residential chairman, introduced members of her committee, including Mrs. C. A. Barnes, east-side chairman; Mrs. Sam C. Bond, west-side chairman; Miss Jeanette Whitty, Mrs. C. F. Hyde, Mrs. C. B. Swango, Mrs. O. F. Stafford, Miss Pearl Bonisteel, Mr. R. D. Busey, Mrs. C. M. Urey, Mrs. W. W. Porter, Mrs. E. W. Ellis. Given extra applause for service were Mr. and Mrs. H. V. Johnson, chest workers, who have three sons in the air forces, including Major Gerald Johnson, flying ace now in the South Pacific who has shot down at least 14 Japanese planes.

Tuesday's reports listed the following amounts and percentages of quotas of the various teams and groups:

Group or Team	Total	Percent of Goal
Industrial	\$14,628	90
Commercial	18,160	90
Public service	10,976	72
Government	1,850	59
Education	3,941	87
Professional	4,315	86
Men's Central		
Red division	2,079	69
White	1,462	73
Blue	1,305	65
Total, Central	4,846	69
Women's residential	4,885	71
Clubs	292	(no quota)
County Communi-	18,329	49
GRAND TOTAL	82,221	71
Wednesday designated as		

Luxembourg, tiny nation of Europe, has a share in the war chest.

Good to EAT Good to SERVE Good to YOU

FOR PORRIDGE AND BAKING

eat ROMAN MEAL
SOME WAY—EVERY DAY

"Lions Club and County Day" will feature a noon luncheon at the Eugene hotel. Reports from county communities under Chairman Ed G. Boehnke will highlight the luncheon. Roy E. Gustafson, Lions club president, will preside. Music will be furnished by the Eugene high school orchestra under Art Holman; Hal Young, tenor; and George Hopkins, pianist. Dean Victor P. Morris of the university school of business administration will give the address. Hugh Currin will lead the group singing, and Herschel Davis will be accompanist.

Second Front—

(CONTINUED FROM PAGE 1)

cause the spring rains and mud almost sure to bog the red army down for a considerable period and all-out Russian pressure needed on the eastern front while the invasion of the west is undertaken.

The time is right for action. The once supreme military machine is deteriorating fast. The allies now have a great summer superiority in troops and in the air. Meantime the bombing of western Europe and Germany will go on with increasing intensity. That's an essential preliminary invasion, and of course it might crack that war-weary German morale.

Lane county's 1944 war chest aids 37 separate philanthropic agencies.

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Set them down and off they go. Nothing to wind—no motor to "conk" out. Colorful Fire Truck, Service Truck, Dump Truck, and Station Wagon, 10" long.

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Horticulture—
(CONTINUED FROM PAGE 1)

plant pathologist from Oregon State college; and J. R. Beck, state supervisor of the emergency farm labor service also from OSC.

The annual business meeting is scheduled for Tuesday afternoon.

Wednesday's meeting will convene at 10 a. m. with a talk on vegetable seed production possibilities by D. D. Hill, head of the farm crops department at Oregon State. Henry Hartman, head of the college's horticultural department, will follow with a discussion of horticultural crops of promise and on trial at the college experimental station. Weed, pests, and disease control will occupy most of Wednesday afternoon's meeting.

Because of trying wartime traveling conditions most of those in attendance are Lane county people and most of the subjects chosen for discussion at the meeting are those which most concern Lane farmers, vice-president Harlow stated. The public is invited to attend and to participate in the meeting.

James Edwin Holliday

James Edwin Holliday, 79, of 439 First Avenue west, died at his home here Tuesday morning. He was born March 28, 1864, at Muscatine, Iowa.

Surviving are his wife, Luella; a son, David Holliday of Reedsport; a daughter, Mrs. Mabel Plagman of Lebanon, and a stepson, Ray Shaw, of Arlington, Wash.; eight grandchildren.

Funeral services will be announced by Poole's chapel.

Huge Battleship Wisconsin Launched

PHILADELPHIA, Dec. 7.—(U.P.)—The \$90,000,000 super battleship Wisconsin, her bow towering higher than a five-story building, was launched into the Delaware river at the Philadelphia navy yard today, hailed by Assistant Secretary of the Navy Ralph A. Bard as "an answer" to Japan's Pearl Harbor attack on the second anniversary of the aggression.

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